

# Simplifying Proper Fractions (J)

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Simplify each fraction to its lowest terms

1.  $\frac{117}{144} \xrightarrow{\div 9} \frac{13}{16}$

11.  $\frac{350}{560} =$

21.  $\frac{120}{390} =$

31.  $\frac{50}{60} =$

2.  $\frac{297}{639} =$

12.  $\frac{64}{264} =$

22.  $\frac{160}{320} =$

32.  $\frac{38}{76} =$

3.  $\frac{98}{336} =$

13.  $\frac{45}{54} =$

23.  $\frac{245}{448} =$

33.  $\frac{234}{378} =$

4.  $\frac{5}{220} =$

14.  $\frac{14}{21} =$

24.  $\frac{119}{322} =$

34.  $\frac{196}{332} =$

5.  $\frac{36}{162} =$

15.  $\frac{24}{30} =$

25.  $\frac{245}{320} =$

35.  $\frac{4}{10} =$

6.  $\frac{252}{368} =$

16.  $\frac{40}{50} =$

26.  $\frac{130}{520} =$

36.  $\frac{3}{12} =$

7.  $\frac{10}{60} =$

17.  $\frac{141}{297} =$

27.  $\frac{48}{624} =$

37.  $\frac{624}{632} =$

8.  $\frac{32}{480} =$

18.  $\frac{464}{784} =$

28.  $\frac{140}{220} =$

38.  $\frac{264}{360} =$

9.  $\frac{108}{156} =$

19.  $\frac{456}{584} =$

29.  $\frac{376}{472} =$

39.  $\frac{54}{450} =$

10.  $\frac{60}{250} =$

20.  $\frac{140}{175} =$

30.  $\frac{120}{260} =$

40.  $\frac{368}{656} =$

# Simplifying Proper Fractions (J) Answers

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Simplify each fraction to its lowest terms

$$1. \frac{117}{144} \begin{array}{l} \xrightarrow{\div 9} \\ \xrightarrow{\div 9} \end{array} = \frac{13}{16}$$

$$11. \frac{350}{560} \begin{array}{l} \xrightarrow{\div 70} \\ \xrightarrow{\div 70} \end{array} = \frac{5}{8}$$

$$21. \frac{120}{390} \begin{array}{l} \xrightarrow{\div 30} \\ \xrightarrow{\div 30} \end{array} = \frac{4}{13}$$

$$31. \frac{50}{60} \begin{array}{l} \xrightarrow{\div 10} \\ \xrightarrow{\div 10} \end{array} = \frac{5}{6}$$

$$2. \frac{297}{639} \begin{array}{l} \xrightarrow{\div 9} \\ \xrightarrow{\div 9} \end{array} = \frac{33}{71}$$

$$12. \frac{64}{264} \begin{array}{l} \xrightarrow{\div 8} \\ \xrightarrow{\div 8} \end{array} = \frac{8}{33}$$

$$22. \frac{160}{320} \begin{array}{l} \xrightarrow{\div 160} \\ \xrightarrow{\div 160} \end{array} = \frac{1}{2}$$

$$32. \frac{38}{76} \begin{array}{l} \xrightarrow{\div 38} \\ \xrightarrow{\div 38} \end{array} = \frac{1}{2}$$

$$3. \frac{98}{336} \begin{array}{l} \xrightarrow{\div 14} \\ \xrightarrow{\div 14} \end{array} = \frac{7}{24}$$

$$13. \frac{45}{54} \begin{array}{l} \xrightarrow{\div 9} \\ \xrightarrow{\div 9} \end{array} = \frac{5}{6}$$

$$23. \frac{245}{448} \begin{array}{l} \xrightarrow{\div 7} \\ \xrightarrow{\div 7} \end{array} = \frac{35}{64}$$

$$33. \frac{234}{378} \begin{array}{l} \xrightarrow{\div 18} \\ \xrightarrow{\div 18} \end{array} = \frac{13}{21}$$

$$4. \frac{5}{220} \begin{array}{l} \xrightarrow{\div 5} \\ \xrightarrow{\div 5} \end{array} = \frac{1}{44}$$

$$14. \frac{14}{21} \begin{array}{l} \xrightarrow{\div 7} \\ \xrightarrow{\div 7} \end{array} = \frac{2}{3}$$

$$24. \frac{119}{322} \begin{array}{l} \xrightarrow{\div 7} \\ \xrightarrow{\div 7} \end{array} = \frac{17}{46}$$

$$34. \frac{196}{332} \begin{array}{l} \xrightarrow{\div 4} \\ \xrightarrow{\div 4} \end{array} = \frac{49}{83}$$

$$5. \frac{36}{162} \begin{array}{l} \xrightarrow{\div 18} \\ \xrightarrow{\div 18} \end{array} = \frac{2}{9}$$

$$15. \frac{24}{30} \begin{array}{l} \xrightarrow{\div 6} \\ \xrightarrow{\div 6} \end{array} = \frac{4}{5}$$

$$25. \frac{245}{320} \begin{array}{l} \xrightarrow{\div 5} \\ \xrightarrow{\div 5} \end{array} = \frac{49}{64}$$

$$35. \frac{4}{10} \begin{array}{l} \xrightarrow{\div 2} \\ \xrightarrow{\div 2} \end{array} = \frac{2}{5}$$

$$6. \frac{252}{368} \begin{array}{l} \xrightarrow{\div 4} \\ \xrightarrow{\div 4} \end{array} = \frac{63}{92}$$

$$16. \frac{40}{50} \begin{array}{l} \xrightarrow{\div 10} \\ \xrightarrow{\div 10} \end{array} = \frac{4}{5}$$

$$26. \frac{130}{520} \begin{array}{l} \xrightarrow{\div 130} \\ \xrightarrow{\div 130} \end{array} = \frac{1}{4}$$

$$36. \frac{3}{12} \begin{array}{l} \xrightarrow{\div 3} \\ \xrightarrow{\div 3} \end{array} = \frac{1}{4}$$

$$7. \frac{10}{60} \begin{array}{l} \xrightarrow{\div 10} \\ \xrightarrow{\div 10} \end{array} = \frac{1}{6}$$

$$17. \frac{141}{297} \begin{array}{l} \xrightarrow{\div 3} \\ \xrightarrow{\div 3} \end{array} = \frac{47}{99}$$

$$27. \frac{48}{624} \begin{array}{l} \xrightarrow{\div 48} \\ \xrightarrow{\div 48} \end{array} = \frac{1}{13}$$

$$37. \frac{624}{632} \begin{array}{l} \xrightarrow{\div 8} \\ \xrightarrow{\div 8} \end{array} = \frac{78}{79}$$

$$8. \frac{32}{480} \begin{array}{l} \xrightarrow{\div 32} \\ \xrightarrow{\div 32} \end{array} = \frac{1}{15}$$

$$18. \frac{464}{784} \begin{array}{l} \xrightarrow{\div 16} \\ \xrightarrow{\div 16} \end{array} = \frac{29}{49}$$

$$28. \frac{140}{220} \begin{array}{l} \xrightarrow{\div 20} \\ \xrightarrow{\div 20} \end{array} = \frac{7}{11}$$

$$38. \frac{264}{360} \begin{array}{l} \xrightarrow{\div 24} \\ \xrightarrow{\div 24} \end{array} = \frac{11}{15}$$

$$9. \frac{108}{156} \begin{array}{l} \xrightarrow{\div 12} \\ \xrightarrow{\div 12} \end{array} = \frac{9}{13}$$

$$19. \frac{456}{584} \begin{array}{l} \xrightarrow{\div 8} \\ \xrightarrow{\div 8} \end{array} = \frac{57}{73}$$

$$29. \frac{376}{472} \begin{array}{l} \xrightarrow{\div 8} \\ \xrightarrow{\div 8} \end{array} = \frac{47}{59}$$

$$39. \frac{54}{450} \begin{array}{l} \xrightarrow{\div 18} \\ \xrightarrow{\div 18} \end{array} = \frac{3}{25}$$

$$10. \frac{60}{250} \begin{array}{l} \xrightarrow{\div 10} \\ \xrightarrow{\div 10} \end{array} = \frac{6}{25}$$

$$20. \frac{140}{175} \begin{array}{l} \xrightarrow{\div 35} \\ \xrightarrow{\div 35} \end{array} = \frac{4}{5}$$

$$30. \frac{120}{260} \begin{array}{l} \xrightarrow{\div 20} \\ \xrightarrow{\div 20} \end{array} = \frac{6}{13}$$

$$40. \frac{368}{656} \begin{array}{l} \xrightarrow{\div 16} \\ \xrightarrow{\div 16} \end{array} = \frac{23}{41}$$